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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/658,463	09/08/2000	Kiyohide Satoh	2355.12108	3618

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FITZPATRICK CELLA HARPER & SCINTO  
30 ROCKEFELLER PLAZA  
NEW YORK, NY 10112

EXAMINER

WANG, JIN CHENG

ART UNIT	PAPER NUMBER
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2672

15

DATE MAILED: 04/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action**

Application No.

09/658,463

Applicant(s)

SATO ET AL.

Examiner

Jin-Cheng Wang

Art Unit

2672

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 15 March 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY** [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
- ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see Note below);
- (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 1,3,4,6-10,12-19,24-29 and 31.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

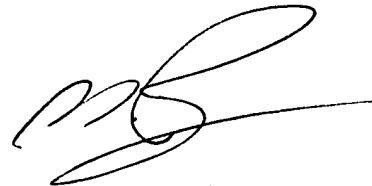
8. ☐ The drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
10. ☐ Other: \_\_\_\_\_

Continuation of 5. does NOT place the application in condition for allowance because: Applicant argues in essence with respect to the Claim 1 and similar claims that Ohshima fails to disclose or suggest superimposing a virtual object viewed from a first viewpoint position, which differs from any player's viewpoint position, in a real space viewed from the first viewpoint position, and displaying an augmented reality video viewed from the first viewpoint position on a screen of a predetermined display apparatus.

In response, the Examiner asserts that Ohshima teaches superimposing a virtual object viewed from a first viewpoint position, which differs from any player's viewpoint position, in a real space viewed from the first viewpoint position, and displaying an augmented reality video viewed from the first viewpoint position on a screen of a predetermined display apparatus.

For example, Ohshima teaches superimposing a puck (virtual object) viewed from the camera 230 (a first viewpoint position), which differs from any player's viewpoint position (the camera 230 above the table constitutes a first viewpoint position which differs from any player's viewpoint position because the two players of Figures 2 and 7 have separate cameras and sensors associated with the head mounted displays), in a real space (table) viewed from the first viewpoint position (viewed from the camera 230 because the camera 230 NOT ONLY takes mallet position measurements, BUT ALSO TAKES IMAGES FROM THE REAL SPACE; see column 15 wherein the image acquired by the fixed CCD camera 230 is broken up into two regions as shown in Figure 11 and the multi-valued image data of the surface of the table 1000 sensed by the TV camera 230 is acquired. The mallet position measurements are based on the images taken from the camera 230), and displaying an augmented reality video viewed from the first viewpoint position on a screen of a predetermined display apparatus (the virtual puck is PRESENTED to a player by superpose-DISPLAYING it as a virtual three-dimensional image on a TABLE in a REAL ENVIRONMENT; see column 11).

Therefore, Ohshima/Latypov/Sato fulfills the Claim 1 as currently drafted.



MICHAEL RAZAVI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600